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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/023,378		
		Filing Date	December 12, 2001		
		First Named Inventor	Brian Holtz, et al.		
		Group Art Unit	Not Yet Assigned 2192		
Examiner Name	Not Yet Assigned - chih-ching chow				
Sheet	of	Attorney Docket Number	30014200-1058		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
C-C.		US-4,558,413	12-10-1985	Schmidt et al.	
		US 5,588,147	12-24-1996	Neeman et al.	RECEIVED
		US-5,600,834	02-04-1997	Howard	
		US-5,778,389	07-07-1998	Pruett et al.	APR 20 2004
		US-6,098,078	08-01-2000	Gehani et al.	
		US-6,243,705	06-05-2001	Kucala	Technology Center 2100
✓		US-6,343,299	01-29-2002	Huang et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
C-C.		EP 0 684 558 A1	11-29-1995	IBM	<input type="checkbox"/>

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
C-C		PRABHU RAM and LYMAN DO, "Extracting Delta for Incremental Data Warehouse Maintenance", June 200, pp. 220-29, Phantom Works Mathematics and Computing Technology, Seattle, Washington.			
		SUDARSHAN S. CHAWATHE and HECTOR GARCIA-MOLINA, "Meaningful Change Detection in Structured Data," PROCEEDINGS OF THE 1997 ACM SIGMOD INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA, 1997, pp. 26-37, XP-002228386.			
		JASON T. L. WANG, et al., "A Tool for Tree Pattern Matching," PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON TOOLS FOR ARTIFICIAL INTELLIGENCE, San Jose, CA, November 5-8, 1991, pp. 436-444, XP-010025519.			
		S. BALASUBRAMANIAM and BENJAMIN C. PIERCE, "What is a File Synchronizer?" MOBICOM '98. PROCEEDINGS OF THE 4 TH ANNUAL ACM/IEEE INTERNATIONAL CONFERENCE ON MOBILE COMPUTING AND NETWORKING, Dallas, TX, October 25 - 30, 1998, pp. 98-108, XP-000850260.			

Examiner Signature	Chih-Ching Chow	Date Considered	11/28/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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